



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
**DIVISION OF WATER RESOURCES**  
William R. Snodgrass - Tennessee Tower  
312 Rosa L. Parks Avenue, 11<sup>th</sup> Floor  
Nashville, Tennessee 37243-1102

March 16, 2016

Mr. Peter Candelaria, CTO  
e-copy: [peter.candelaria@siliconranchcorp.com](mailto:peter.candelaria@siliconranchcorp.com)  
Silicon Ranch Corporation  
150 Third Ave., Ste. 2000  
Nashville, TN 37201

Subject: **NPDES Permit No. TN0081825**  
**Notice of Incomplete Application**  
**Solar Farm - Selmer 1 Site**  
**Selmer, McNairy County, Tennessee**

Dear Mr. Candelaria:

The Division of Water Resources (the division) has received an application for the above referenced project on February 22, 2016. We have reviewed the application for completeness in accordance with TDEC Rule 0400-40-5-.05 (2). We found the application and the Stormwater Pollution Prevention Plan (SWPPP) to be well thought-out and organized. There are few items, summarized below, that are either lacking, or need clarification. Until we receive that information, we will deem this application incomplete. Consequently, the processing of this application has been suspended until the following information has been submitted:

1. Sheets describing volume calculations for SW1 and SW2 sedimentation basins appear to identify the porous baffle top elevation at 254. That appears to be a typo, and should probably be 454.
2. EPSC plan sheets do not show a buffer along the streams. Oxford Creek is currently unassessed. Based upon the size and scope of the project a buffer should be required and recommend the larger 60' buffer be implemented.
3. The outfalls are not clearly identified and shown on the EPSC plan sheets. It appears that 4 outfall structures will discharge directly to Oxford Creek. In addition, Jackson EFO has received an application for a general ARAP for a Minor Road Crossing on an unnamed tributary to Oxford Creek. Based upon cumulative impacts of the road crossing and four outfall structures it is likely that an Individual ARAP may be required. Please contact Jimmy Smith at [Jimmy.R.Smith@tn.gov](mailto:Jimmy.R.Smith@tn.gov) for further information.
4. EPSC plan sheets do not show the proposed the stream crossing on the unnamed tributary to Oxford Creek bisecting the site. EPSC Plans Sheets should be revised to show this stream crossing.

5. A better description of the how the diversion ditches will be stabilized prior to diverting off-site stormwater into them is needed. In addition, the plans are not showing any EPSC measures (check dams, etc.) placed in the ditches.

No provisions for site assessment were included in the SWPPP. Quality assurance of erosion prevention and sediment controls shall be done by performing site assessment at a construction site. The site assessment shall be conducted at each outfall involving drainage totaling 10 or more acres, within a month of construction commencing at each portion of the site that drains the qualifying acreage of such portion of the site. The site assessment shall be performed by individuals with following qualifications:

- a licensed professional engineer or landscape architect;
- a Certified Professional in Erosion and Sediment Control (CPESC) or
- a person that successfully completed the “Level II Design Principles for Erosion Prevention and Sediment Control for Construction Sites” course.

As a minimum, site assessment should be performed to verify the installation, functionality and performance of the EPSC measures described in the SWPPP. The site assessment should be performed with the inspector, and should include a review and update (if applicable) of the SWPPP. Modifications of plans and specifications for any building or structure, including the design of sediment basins or other sediment controls involving structural, hydraulic, hydrologic or other engineering calculations shall be prepared by a licensed professional engineer or landscape architect and stamped and certified in accordance with the Tennessee Code Annotated, Title 62, Chapter 2 and the rules of the Tennessee Board of Architectural and Engineering Examiners.

Accommodations should be made for monitoring requirements similar those in other individual construction permits. For an example of such monitoring, see recently public noticed individual construction NPDES permit Number TN0081787. A direct link to this record on the TDEC DataViewer is: [http://environment-online.state.tn.us:8080/pls/enf\\_reports/f?p=9034:34051::NO:34051:P34051\\_PERMIT\\_NUMBER:TN0081787](http://environment-online.state.tn.us:8080/pls/enf_reports/f?p=9034:34051::NO:34051:P34051_PERMIT_NUMBER:TN0081787)

A complete application should be submitted at the address above within 30 days of the date of this letter. You should be aware that in accordance with TDEC Rule 0400-40-5-.05 (2), your receipt of this notice does not preclude the division from later requesting additional material that subsequent to the notice of completeness is determined to be necessary for permit processing.

If you have questions, please contact the Jackson Environmental Field Office at 1-888-891-TDEC; or, at this office, please contact me at (615) 532-0670 or by E-mail at [Vojin.Janjic@tn.gov](mailto:Vojin.Janjic@tn.gov).

Sincerely,



Vojin Janjic  
Manager, Water-Based Systems

cc: Permit File  
Jackson Environmental Field Office  
Mr. Chris Michle, McCarthy Building Co, [stl@McCarthy.com](mailto:stl@McCarthy.com)  
Ms. Chris Triplett, P.E., Barge Waggoner Sumner & Cannon, Inc., [chris.triplett@bwsc.net](mailto:chris.triplett@bwsc.net)